

Appl. No. : 09/652,730
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LISTING OF THE PENDING CLAIMS

A complete listing of all pending claims is presented below for the Examiner's convenience:

1. (Previously Amended) A digital video recorder connectable to a set-top box configured to receive electronic program guide information and broadcast audiovisual data, the set-top box including at least one auxiliary interface that supports communication between the digital video recorder and the set-top box, the digital video recorder comprising:

at least one recorder interface connectable to the auxiliary interface;

a storage device;

a microprocessor configured to control the digital video recorder and the set-top box, the microprocessor comprising an electronic program guide subsystem connected to the recorder interface to receive the electronic program guide information from the set-top box and to process the electronic program guide information to schedule recording the broadcast audiovisual data on the storage device; and

a video output interface separate from the recorder interface, the video output interface connectable to a display device.

2. (Original) The digital video recorder of Claim 1, wherein the electronic program guide subsystem comprises an electronic program guide processor.

3. (Original) The digital video recorder of Claim 2, wherein the electronic program guide subsystem further comprises an electronic program guide manager.

4. (Original) The digital video recorder of Claim 1, wherein the electronic program guide subsystem further comprises an electronic program guide storage buffer to store the electronic program guide information.

5. (Original) The digital video recorder of Claim 1, wherein the electronic program guide subsystem is configured to present processed electronic program guide information to a user.

6. (Original) The digital video recorder of Claim 1, wherein the digital video recorder receives the electronic program guide information and the broadcast audiovisual data from a single source.

7. (Original) The digital video recorder of Claim 6, wherein the single source is the set-top box.

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8. (Original) The digital video recorder of Claim 6, wherein the digital video recorder receives the electronic program guide information and the broadcast audiovisual data via a single interface.

9. (Original) The digital video recorder of Claim 6, wherein the digital video recorder receives the electronic program guide information as a component of one or more channels of the broadcast audiovisual data.

10. (Original) The digital video recorder of Claim 1, wherein the electronic program guide subsystem is configured to receive updated electronic program guide information from the set-top box, where the set-top box is configured to detect updated electronic program guide information.

11. (Original) The digital video recorder of Claim 1, wherein the electronic program guide subsystem is configured to receive electronic program guide information selectively transmitted by the set-top box via the auxiliary interface and the recorder interface.

12. (Original) The digital video recorder of Claim 11, wherein the electronic program guide subsystem is configured to transmit a request signal to the set-top box, where the set-top box is configured to selectively transmit the electronic program guide information to the electronic program guide subsystem in response to the request signal.

13. (Original) The digital video recorder of Claim 1, wherein the at least one auxiliary interface supports isochronous communication.

14. (Original) The digital video recorder of Claim 1, wherein the at least one auxiliary interface supports asynchronous communication.

15. (Original) The digital video recorder of Claim 1, wherein the at least one auxiliary interface supports synchronous communication.

16. (Original) The digital video recorder of Claim 1, wherein the at least one recorder interface supports isochronous communication.

17. (Original) The digital video recorder of Claim 1, wherein the at least one recorder interface supports asynchronous communication.

18. (Original) The digital video recorder of Claim 1; wherein the at least one recorder interface supports synchronous communication.

19. (Previously Amended) A digital video recorder connectable to a set-top box configured to receive electronic program guide information, the set-top box including at least one

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auxiliary interface that supports communication between the digital video recorder and the set-top box, the digital video recorder comprising:

at least one device interface connectable to the auxiliary interface;
a microprocessor configured to control the digital video recorder and the set-top box, the microprocessor comprising an electronic program guide subsystem connected to the device interface to receive and process the electronic program guide information from the set-top box; and
a video output interface separate from the device interface, the video output interface connectable to a display device.

20. (Cancelled)

21. (Previously Presented) The digital video recorder of Claim 19, wherein the digital video recorder comprises a user viewing monitor that keeps track of and compiles a user viewing history and set of user preferences.

22. (Previously Presented) A method for communicating electronic program guide information from a set-top box configured to receive the electronic program guide information to a digital video recorder comprising a video output interface connectable to a display device and a microprocessor configured to control the digital video recorder and the set-top box, the microprocessor comprising an electronic program guide subsystem, the method comprising:

connecting at least one recorder interface of the digital video recorder to at least one auxiliary interface of the set-top box, the recorder interface separate from the video output interface and connected to the electronic program guide subsystem;

recognizing the connection of the digital video recorder to the set-top box; and
communicating the electronic program guide information from the set-top box to the electronic program guide subsystem.

23. (Original) The method of Claim 22, wherein the electronic program guide information and broadcast audiovisual data are transmitted to the set-top box from a single source.

24. (Original) The method of Claim 23, wherein the electronic program guide information and the broadcast audiovisual data are received by an input interface of the set-top box.

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25. (Original) The method of Claim 23, wherein the electronic program guide information is included in the broadcast audiovisual data.

26. (Original) The method of Claim 22, wherein the electronic program guide subsystem receives updated electronic program guide information from the set-top box, where the set-top box is configured to detect updated electronic program guide information.

27. (Original) The method of Claim 22, wherein the electronic program guide subsystem receives electronic program guide information selectively transmitted by the set-top box via the auxiliary interface and the recorder interface.

28. (Original) The method of Claim 27, wherein the electronic program guide subsystem transmit a request signal to the set-top box, and the set-top box selectively transmits the electronic program guide information to the electronic program guide subsystem in response to the request signal.

29. (Original) The method of Claim 27, wherein the transmitting of the electronic program guide information from the set-top box is performed selectively in response to user input.

30. (Original) The method of Claim 22, wherein the method further comprises storing the electronic program guide information in an electronic program guide storage buffer of the electronic program guide subsystem.